DEPARTMENT OF TRANSPORTATION

Research and Special Programs Administration

49 CFR Parts 172 and 173

[Docket No. HM-166-O; Amdt. Nos. 172-86, 173-169]

Deletion of Certain Commodity Entries

AGENCY: Materials Transportation Bureau (MTB), Research and Special Programs Administration, DOT.

ACTION: Final rule.

SUMMARY: These amendments: (1)
Delete certain entries from the
Hazardous Materials Table (Table),
§ 172.101, and (2) change certain
sections in Part 173 which are necessary
because of the deletions in the Table.

The reason for this action is to remove entries from the Table which are vague, unnecessary, or which describe materials that present such a minimal hazard that they may not meet the definition of a hazardous material.

effective DATE: These amendments are effective September 30, 1984, however, compliance with the regulations as hereby amended is authorized as of November 7, 1983.

FOR FURTHER INFORMATION CONTACT:

Irving R. Abis, Exemptions and Regulations Termination Branch, Office of Hazardous Materials Regulation, Materials Transportation Bureau, 400 7th Street, S.W., Washington, D.C. 20590, [202] 472–2726.

SUPPLEMENTARY INFORMATION: On June 3, 1982 the MTB published Notice No. 82-4 (47 FR 24157) under Docket HM-168–O which proposed to delete 171 entries from the Hazardous Materials Table, § 172.101, and to remove or amend sections in Part 173 of the Hazardous Materials Regulations (HMR) which are associated with some of the entries which were proposed for deletion. The public comment period ended on August 2, 1982. The MTB received 40 comments to HM-166-O. The comments were carefully considered by the MTB. On the basis of comments received, some of the entries proposed to be removed are retained. The MTB believes that the result of this amendment will be to reduce the volume of regulation, making the HMR easier to use and less burdensome on the regulated public. The following is a discussion of the most significant comments.

The majority of the commenters were either in favor of the proposal, or in favor of the proposal except as it affects

the specific proper shipping name of a material offered for transportation by the commenter. Five commenters were against the proposal in its entirety.

One commenter contends that the MTB failed to specify an alternative proper shipping name to be used in the event that a shipping name is deleted. The MTB disagrees. It is the shipper's responsibility to identify and classify the hazardous materials that are being offered for transportation. In order for the MTB to specify an alternate proper shipping name to an entry that is being removed, information would have to be supplied regarding the properties of the material to determine if they meet the definition of a hazard class. For example, the proper shipping name "Rubber curing compound" is one of the entries being removed from the Table. In order for the MTB to suggest an alternate proper shipping name for this commodity, technical data would have to be supplied, e.g., does the commodity meet the definition of a flammable solid.

One commenter suggested that by eliminating certain proper shipping names and by substituting the generic equivalent, the MTB would be creating problems for emergency response personnel. The MTB does not agree. The use of a vague proper shipping name does not increase the ability of emergency response personnel to do their job.

One commenter suggested that if commodities were deleted from the Table and not deleted from international regulations, this would create a problem of dual descriptions for shippers that ship a commodity both domestically and internationally. ICAO descriptions are presently accepted for descriptions of domestic shipments by air and IMO descriptions as listed in § 172.102 are permitted if part of the transportation of the material is by vessel. Also, it should be pointed out that, since \$ 172.102 was adopted in 1980, no petition has been received to broaden the applicability of that section to domestic surface shipments.

Several commenters objected to the deletion of the proper shipping names; "Drugs, n.o.s."; "Medicines, n.o.s."; and "Cosmetics, n.o.s." The arguments set forth by these commenters are that the use of a proper shipping name such as "Flammable liquid, n.o.s.", for these commodities could be confusing to the carrier and might frustrate transportation. While the MTB does not agree that these entries are more appropriate than a more specific entry (including a generic class n.o.s. entry), they are retained in the Table at this time.

One commenter objected to the removal of the proper shipping name "Gas drips", on the basis that the name gas drips conveys an important message to emergency response personnel. The commenter pointed out that gas drips are testing samples from pipelines, and have a distinctive mercaptan smell. The shipping name gas drips conveys this information to emergency response personnel and could prevent a possible overreaction in an incident where the mercaptan smell is present. The MTB agrees with the commenter and the proper shipping name, "Gas drips" is retained in the Table.

Three commenters objected to the removal of the proper shipping name "Acid, sludge" on the basis that it is not a vague name, that it is a term that is widely understood in industry and, therefore, should be retained in the Table. The MTB disagrees. The three commenters who objected to the deletion of this proper shipping name also disagreed as to what constitutes

acid, sludge. Several commenters also objected to the deletion of the proper shipping name, "Resin, solution" on similar grounds, that it is a term widely understood in industry and, therefore, it should be retained in the Table. Again the commenters disagreed as to what constitutes resin solution, and MTB has removed the entry because it is vague. Also, the entry "Resin, solution", Flammable liquid which was inadvertently left out of the notice, has been removed.

Two commenters suggested that the informational entry, 'Film, photographic", should be retained because it is useful. The MTB disagrees. Safety film is not considered a hazardous material. The type of film that does meet the definition of a hazardous material is the nitrocellulose based film which is no longer manufactured. In a comment to Docket number HM-8, Notice 71-13, the Eastman Kodak Company stated that it had not produced nitrate based film since 1949. It is true that some nitrate based film may be in transportation to and from film archives; however, the proper shipping name, "Film (nitrocellulose)" is being retained in the Hazardous Materials Table. The MTB believes that thirty-four years is a long enough period of time to inform the shipping public that safety film is not subject to the provisions of the Hazardous Materials Regulations.

Several commenters objected to the removal of the following proper shipping names:

Entry Hozord Class

Coal tar distillate
Coal tar distillate
Coal tar light oil
Coal tar light oil
Coal tar naptha
Coal tar naptha
Coal tar naptha
Coal tar oil
Coal tar oil
Coal tar oil
Flammable liquid
Combustible liquid
Flammable liquid
Flammable liquid
Combustible liquid
Flammable liquid

The commenters point out that these shipping names are widely used in inclustry and, therefore, should be retained. The MTB agrees that the proper shipping name, "Coal tar distillate" should be retained, however, the other proper shipping names in the coal tar group should be deleted because Coal tar distillate is descriptive of all these commodities.

Several commenters objected to the removal of the following entries:

Entry	Hazard class
Lighter fluid	Plammable liquid
Naphtha distillate	Combustible figuid
Naphtha distillate	Flammable liquid
Naphtha solvent	Combustible liquid
Naphtha solvent	Flammable liquid
Petroleum naphtha	Combustible liquid

The basis for these objections is that they are commonly used shipping names

and, therefore, should be retained in the Table. Upon consideration of these comments, the MTB has retained the entries for "Naphtha" and for "Petroleum naphtha" in the Table because it believes that these proper shipping names are descriptive of all of these commodities.

One commenter objected to the deletion of the proper shipping names, "Hydrocarbon gas, liquefied" and "Hydrocarbon gas, nonliquefied", on the basis that they are more descriptive than an n.o.s. entry. The MTB believes that liquefied petroleum gas is the same as hydrocarbon gas, liquefied. However, since there is not an entry for petroleum gas, nonliquefied, the MTB believes it is appropriate to retain the entries for hydrocarbon gas.

Several commenters objected to the deletion of the entry, "Denatured alcohol" because of the possible confusion between denatured alcohol and other types of alcohol, including potable alcohols. The MTB agrees with these commenters and has retained the proper shipping name, "Denatured alcohol" in the Table. However, the MTB believes that the proper shipping name, "Rum, denatured", should be deleted because the proper shipping name "Denatured alcohol" includes "Rum, denatured",

One commenter objected to the deletion of the proper shipping name "Potassium fluoride solution", because a description under the n.o.s. category would not be adequate to provide proper product definition due to specific properties of that commodity. The MTB agrees, the proper shipping name "Potassium fluoride solution" is retained in the Table.

One commenter objected to the deletion of the entry, "Crude oil", because the proper shipping name is widely used in industry and is more appropriate than an n.o.s. entry. The MTB agrees with the commenter and has retained the entry in the Table.

Several commenters objected to the deletion of the proper shipping names, "Boiler compound, liquid" and "Water treatment compounds". The bases for these objections are that they are commonly used names and that there are packaging exceptions for these commodities which the commenters fear would be lost. The MTB believes that these proper shipping names are too vague to be useful, however, the packaging exceptions which exist for these commodities are retained in Part 173.

Several commenters expressed concern that changing proper shipping

names would result in economic loss due to the preprinting of shipping papers. This situation has been taken into account in § 172.101(j)(2). Stocks of preprinted shipping papers and package marking may be continued in use, in the manner previously authorized, until depleted or for a one-year period. whichever is less. The effective date of this rulemaking is one year from publication of this amendment, therefore, a two-year period is provided for depletion of existing stocks of preprinted package markings and shipping papers.

The Materials Transportation Bureau has determined that this document will not result in a "major rule" under the terms of Executive Order 12291 or a

significant regulation under DOT's regulatory policy and procedures (44 FR 11034), nor require an evironmental impact statement under the National Environmental Policy Act (49 U.S.C. 4321 et seq.).

Based on limited information available concerning size and nature of entities likely to be affected by this amendment, I certify that this amendment will not have a significant economic impact on a substantial number of small entities because the overall economic impact of this amendment will be minimal. A regulatory evaluation and environmental assessment are available for review in the docket.

List of Subjects

49 CFR Part 172

Hazardous materials transportation, Labeling, Packaging and containers.

49 CFR Part 173

Hazardous materials transportation. Packaging and containers.

In consideration of the foregoing, 49 CFR Parts 172 and 173 are amended as follows:

PART 172—HAZARDOUS MATERIALS TABLES AND HAZARDOUS **MATERIALS COMMUNICATIONS** REGULATIONS

1. In § 172.101, the Hazardous Materials Table is amended by removing the following entries:

§ 172.101 Hazardous materials table.

				1	Pack	aging .		et quantity in ackage		Wate	r shipments
+ E A	Hazardous materials descriptions and proper shipping names	Hezard class	Identification number	Label(s) required (if not excepted)	Exceptions	Specific require- ments	Passenger carrying aircraft or railcar	Cargo only aircraft	Cargo ves- sel	Pas- senger vessel	Other requirements
(1)	(2)	(3)	3(a)	(4)	5(a)	5(b)	6(a)	6(b)	7(a)	7(b)	7(c)
	(Remove)										
	Acid, sludge	Corrosive material.	UN1906	Corrosive	None	173.248	Forbidden	1 quart	1,2	1	
	Antifreeze compound, liquid.	Flammable liquid	NA1142	Flammable liquid	173.118	173.119	1 quart	10 gallons	1,2	1	
	Antifreeze compound, liquid.	Combustible liquid.	NA1142	1	. 173.118a	None	No limit	No limit	1,2	1,2	
	Antifreeze preparation, liquid.	Flammable liquid	NA1142	Flammable liquid	. 173.118	173.119	1 quart	10 gallons	1,2	1	
	Antifreeze preparation, liquid. Bags, sodium nitrate,	Combustible liquid. Flammable solid	NA1142		. 173.118a None	None 173.155	No limit	No limit	1,2	1,2	Separate from
	empty and unwashed.	r lattification surious	UNISSS	. riaminable solid	None	1/3.155	- Forbioden	25 pounds	. 1.2	1,2	flammable gases of liquids, oxidizing materials, or
	Boiler compound, liquid	Corrosive material.	NA1780	Corrosive	173.244	173.249	1 quart	10 gailons	1,2	1,2	organic peroxides.
A	Bone oil	ORM-A		None	173.505	173.510	No limit	. No limit			
w	Box toe board (nitrocellulose base).	ORM-C		None.	. 173.506	173.925			1,3	1,3	in a compartment having a temperature not exceeding 130° F., well away from any sources of heat, and in position to protect or move, even to jettison in event of fire. Separate from explosives, flammable liquids or gases, oxidizing materials organic peroxides or
	Box toe gum	. Combustible liquid.	UN2060	None	173.118a	None	No limit	No limit	1,2	1,2	corrosive liquids.
w	Box toe gum	. Flammable tiquid	. UN2059	Flammable liquid.	173.118	173.119	1 quart	10 gallons	1,2	1	
w	cloth. Burlap bags, new. See Burlap cloth.		-								

				Packaging		Maximum net quantity in one package		Water shipments			
Hazardous materials descriptions and proper shipping names	Hazard class	Identification number	Label(s) required (if not excepted)	Excep- tions	Specific require- ments	Passenger carrying aircraft or railcar	Cargo only aircraft	Cargo ves- sel	Pas- senger vessel	Other requirements	
m	(3)	3(a)	(4)	5(a)	5(b)	6(a)	6(b)	7(a)	7(b)	7(c)	
Burlap bags, used and unwashed, or not	ОЯМ-С		None	173.505	173.930	No limit	No limit	'	1	Keep cool.	
cleaned. Burlap cloth (hessian)	ORM-C		None	173.505	173.931			1,2	1,2	Keep dry. Stow away from organic liquids.	
Burnt fiber	Flammable solid	NA 1372	. Flammable solid	None	173.169	Forbidden	Forbidden	1,2	1,2	Separate from flammable gases of liquids, oxidizing materials, or organic peroxides.	
Carbon remover, liquid Charcoal, activated	. Flammable liquid Flammable solid	UN 1132 UN 1362		173.118 173.162	173.119 173.162	1 quart 25 pounds	10 gallons 200 pounds		1,3	Organic perconnection	
Charcoal screening, wet Charcoal, wet Cigar and cigarette lighter	Forbidden										
fluid. See Lighter fluid. Coal ter tight oil	Combustible liquid.	NA1137	None	1	None	l		ļ	1		
Coal tar light oil	Flammable liquid Combustible	NA1136 NA2553		. 173.118 . 173.118a	173.119 None				1,2		
Coal tar naptha	liquid Flammable liquid	NA2553 NA1137	Flammable liquid.		173.119 None			1,2 1,2			
Coal tar oil	liquid. Flammable fiquid	NA1136		173.118		1		1	l.	**	
Coir. See Fibers Cologne spirits (alcohor) Columbian spirits (wood	Flammable liquid Flammable liquid	NA1170 NA1230		173.118 173.118				1,2	1		
alcohor). Cotton batting	ORM-C		None	173.505	173.970	P		1,3	1.3	Keepdry. Stow awa from vegetable of animal pils. See 176.900 to 176.9	
Cotton batting dross. Sec Cotton betting. Cotton, burnt. See Burnt					,						
cotton. Cotton seed hull fiber or shavings, pulp, or cut linters. See Cotton batting.						- 1					
Cotton sweepings. See Cotton waste. Cotton wadding. See Cotton batting. Cotton waste	ORM-C		None	173.50	173.97	75		1	.2 1	.2 Keep dry. Slow an from vegetable animal oits. See	
		UNI4264	Flammabie solic	173.10	37	Forbidden	Forbidden	1	,2 1	176.900 to 176.904. Separate from flammable gase	
Cotton waste, oily (with more than 5% of animal or vegetable o	l	UN1364	Pistikilishin som	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						liquids, oxidizin materials, or organic peroxid	
Creosote, coal tar	Combustible	NA1993	None	173.11	Ba No	ne No limit	No limit			1,2	
Creosote, coal tar. Crude nitrogen fertilizer solution (more than 25.3 p.s.i.g.).	gas.	NA1043	Nonflammable gas.	173.3	06 173.3 173.3		300 pount	de ¹	1,3	1,3	
Dead oil. See Creosott coal tar. Dressing, leather	Combustible	NA1142	None	173.11	8a N	one No limit	1	İ	i 1	1,2	
Dressing, leather Eradicator, paint or	liquid. Flammable liqui Flammable liqui	d NA1142 d UN1850		iid 173.1 iid 173.1			10 gallon	-	1,2	1	
grease, liquid. Excelsior (shredded wood) when dry, ck and tree from oil.	ORM-C		None	173.	505 173.	980			1,3	1,3 Stow away from organic, corror or oxidizing materials.	
Fabric with animal or vegetable oil. See Fibers or fabric, containing not mon than 5% animal or											
vegetable fat. Feed, wet, mixed	4		Nene	173	505 173	.990 Forbidde	n Forbidde	M	3	3 Stow in cool, di well-ventitate compartment not stow beg ten tiers high without floori	
Felt, waste. See Cott	on									Do not overs	

+ E A W	Hazardous mater descriptions and p		···	Identific	-4:	l	Packag		Ma	ximum net quan	quantity in		w	Water shipments	
	stupping name	Fiaza	Hazard class		Ation Label(s) r	pepted)	Excep- tions	Specific require- ments	can	one package senger rying Cargeratt or airr	o only	Cargo ves-	Pas	-	
(1)	(2)	1	B1)	3(a)						iicar	raft	set	Vesse	el Course regularity	
	Felt, waste, wet. See Waste wool, wet. Fertilizer, tankage. S Garbage, tankage.	I		,	4(41)		S(a)	5(b)	6((a) S	b)	7(a)	7(b)	7(c)	
	Fibers ov fabric; containing not mor than 5% ammal or vegetable oil.	Flammat	le solid	NA1373	Flammable	solid	None	173.170	Forbido	den Forbidd	len	1,2	1,2		
	Fibers, burnt	Flammab	e solid	NA1372	Flammable	solid	None	173.169	Forbide	len Forbidde	en	1,2	12	flammable gases or fiquids, oxidizing materials, or organic peroxides.	
4	Film, photographic (including scrap film safety, nonflammabi),	1										1,2	Separate from flammable gases or liquids, oxidizing materials, or organic peroxides.	
F	or slow burning. Not subject to requireme of this subchapter. lax. See Fibers												,		
G	arbage tankson	ORM-C			N			1							
1	containing 8% or me water.	TO.			None	17	3.505 17	3.1000	····			1,2	1,2		
	arbage tankage, containing less than 8% water.	Fiammable	solid N	A1325	Flammable ad	elid	None 1	73.209	Forbidder	n Forbidder	- 1	1		Separate from	
Ga	s oil. See Fuel oil		ľ		1	- 1	- 1							fiammable gases or liquids, oxidizing	
Ha	ir, wet	Flammable	rolid N	41372 <u>.</u>	'Flammable so	lid	Vone 17	3.172 F	orbidden	Forbidden	- 1			materials, or organic peroxides.	
			- 1				- 1			, oroiddeil	1	,2	5	Separate from flammable gases or	
Han	y <u>-</u>	ORM-C	UN	11327	None	173	.505 173	1005			1,	2		materials, or Ordination percentage	
, ,	or straw (loose, wet rolemp).		UN	1327			,						1,2	Segregation same as for flammable solids. Stow away from animal or	
Hes. Insui	siar. See Burlap clott lation tape (varnished oth type, See Oiled	1										-	F	vegetable oils. orbidden for water shipment.	
Jute. Kapo	aterial. See Fibers ok. See Fibers her blaach or							,	***************************************						
dre	essing. Her bleach or	Flammable liq	1	142	1	1 173.1	18 173	119 1 0	uart	10 11					
dre	essina.	Combustible liquid.		142	None	173.11	.			1	1,2	1	1		
MENT	er fluid tetrahydro phthalic	Flammable liqui		226	Flammable liquid	- 1	- "		lianit	No limit	1,2	1	1,2		
i ann	tuel, n.a.s	material. Combustible	- 1	760	Corrosive	···· Nor	173.		uart bidden	10 gallons 1 quart	1,2		1		
Motor	fuel, n.o.s.	liquid. Flammable liqu	1	203	None	173.116	No.	ne No 1		No limit	1,2		1		
Naphi	na distillate	Combustible		103	Flammable liquid.	173.11	8 173.1	19 1 qu	art	i	1	l	2		
Napht Napht	ha distillate ha, artvent	liquid. Flammable liqu	d NA12	68	,	1	4	ne No i	insit	No limit	1,2	1.	2		
i		Combustible liquid.	UN12	56	None	173.11 173.118			art		1,2		,		
: TWO THE	na, solvent catalyst, wet, <i>linely</i>	Flammable solid		56	Flammable Houset	1		1 "	mit	No limit	1,2	1,	- 1		
spen than	ed, activated, or it. With not less 40% water or suitable liquid.	······································	UN13	78	Flammable selid	None		, ,-,	dden	. 10 gettons 100 pounds	1,2 1,2		1 Sept	arate from	
Nitroge		Nonflammable	NA104	3	A 1								, 1	Mids, oxidizing sterials, or	
Oakum. Oiled ci		gas. ORM-C		1	Nonflammable gas. None	173.306 173.505	173.30 173.31 173.103	4	ounds	300 pounds	1,3	1.3	Org	ganic peroxides.	
prope preve	My dried to int spontaneous igh. See Oiled										1,2	1,2			
Oiled pa Unanu Proper)AM-C	NA9053	J	None	173.505	173.1035	No lim	n	No limit	1,3	1,3			

		T			Packs	iging	Maximum net	quantity in		Water	shipments
+ E A W	Hazardous materials descriptions and proper shipping names	Hazard class	Identification number	Label(s) required (if not excepted)	Excep- tions	Specific requirements	Passenger carrying aircraft or railcar	Cargo only aircraft	Cargo ves- sel	Pas- senger vessei	Other requirements
/4\	(2)	(3)	3(a)	(4)	5(a)	5(b)	6(a)	6(b)	7(a)	7(b)	7(c)
(1) W	Oiled material* (menufactured article properly dried to prevent spontaneous heating). See Oiled material. Paper scrap (when dry, clean, and free from oil).	DRM-C	NA1325	None	173.505 None	173.1075 173.185	Forbidden	Forbidden	1,2	1,2	Separate from flammable gases or liquids, oxidizing materials, or organic peroxides.
	Paper waste (when dry, clean, and free from oil). See Paper scrap. Paper waste, wet. See Waste Paper, wet. Petroleum crude. See										
	F Master Solverit, India	Combustible liquid.	NA1993			1	No limit	No limit	1,2	ì	
	Plastic solvent, n.o.s Polish, metal, stove, furniture or wood, liquid.	Flammable liquid Combustible liquid.	NA1993 NA1142	None	. 173.118 a	None	No limit	No limit	1,2	1	
	Poilsh, metal, stove, furniture or wood, liquid.	Flammable liquid	NA1142	Flammable liquid	173.118		1 quarl				
	Pyroxylin solution	Combustible liquid. Flammable liquid	NA2059			173.119	1 quart	10 gallons	1,2	2 1	
	Pyroxylin solvent, n.o.s	Combustible liquid	NA2059			1		No timit	1,2	2 1	
	Rags, oily	Flammable solid	UN1856	Flammable solid Flammable solid.	,			Forbidden		1	from flammable gases or liquids, oxidizing materials, or organic peroxides. Separate from flammable gaself (liquids, oxidizing materials, or organic peroxides.
	Range oil. See Fuel oil Resin solution (resin	Combustible	UN2868	None	173.118	a Non	e No limit	No limit	1,	2 1,	2
	compound, liquid). Resin solution (resin	liquid. Flammable liquid.	UN1866	Flammable liquid	173.11	8 173.11	1			~	1
	compound, liquid). Road oil	. Combustible liquid.	NA1268		ļ			No limit		2 1	2 Separate from
	Rough ammoniate tankage (*/% or more moisture content).	Flammable solid	NA1325	Flammable solid	Nor	ne 173.21	0 Forbidden				flammable gases liquids, oxidizing materials, or organic peroxides Temperature of tankage must not exceed 100" F.
	Rough ammoniate tankage (less than 7% moisture content).	Flammable solid.	NA1325				Ì	Forbidden.		1,2	2
	Rubber curing compound (solid).	ORM-C		None	ĺ	1		10 pounds	İ		,2
	Rubber scrap or Rubber buffings. Rubber shoddy or Rubber, regenerated or	Flammable solid						10pounds		1,2	1,2
	Rubber, regenerated of Rubber, rectaimed. Rum, denatured	Flammable liquid	NA1986 NA1142							1,2	1,2
	Sawdust (when dry, clear and free from oil).	liquid.		None	179.5	173.10	70			1,2	1,2 Keep dry.
	Sisal. See Fibers Studge acid. See Acid, studge.			Nenc	173.1	IRa N	one No limit	No limit		1,2	1.2
Ε	Solvent, n.o.s	liquid. Flammable liqui	NA1993	1					1	1,2	1

			azard class Identification number		Packaging		Maximum net quantity in one package			Water shipments		
+ E A W	Hazardous materials descriptions and proper shipping names	Hazard class		Label(s) required (if not excepted)	Excep- tions	Specific require- ments	Passenger carrying aircraft or railcar	Cargo only aircraft	Cargo ves- sel	Pas- senger vessel	Other requirements	
(1)	(2) Tankage ferblizer	(3) Flammable solid	3(a) NA1325	(4) Flammable solid	5(a) None	5(b) 173.209	6(a) Forbidden	8(b) Forbidden	7(a) 1	7(b) 5	7(c) Keep dry. Separate from flammable gases or liquids,	
	Tankage. rough ammoniate.	Flammable solid	NA1325	Flammable solid	None	173.210	Forbidden	Forbidden	. 1	5	oxidizing materials, or ergenic peroxides. Keep dry. Separate from flammable gases or liquids, oxidizing materials, or organic peroxides.	
	Tar, liquid	Combustible	UN1999	None	173.118a	None	No limit	No limit	. 1,2	1,2	por Oxidod.	
	Tar, liquid Textile waste. See Cotton	liquid. Plammable liquid	UN1999	Flammable liquid	173.118	173.131	1 quart	10 gallons	1,2	1		
	waste Textile waste, wet	Plammable solid	UN1857	Flammable solid	None	178.211	Forbidden	Forbidden	. 1,2	1,2	Separate from flammable gases or tiquida, exidizing materials, or organic peroxides.	
	Tinning flux. See Zinc chloride solution. Treated paper (manufactured article properly dried to prevent spontaneous heating). See Oiled material. Treated textile (in nullactured article											
	properly dried to prevent spontaneous heating). See Oiled material.											
	Turpentine substitute	. Combustible tiquid.	UN1300	None	173.118a	None	No limit	. No limit	1,2	1,2		
	Turpentine substitute Twisted jute packing (rope) (treated or unfreated). See Oakum.	Flammable liquid	UN1300	Flammable liquid	. 173.118	173.119	1 quart	10 gallons	1,2	1		
	Waste paper, wet	. Flammable solid	NAT325	Plammable solid	None	173.186	Forbidden	Forbidden	1,2	1,2	Separate from flammable gases or liquids, oxidizing materials, or organic peroxides.	
	Waste textile, wet	Flammable solid	NA1857	Flammable solid	None	173.211	Forbidden	Forbidden	1,2	1,2	Separate from flammable gases or liquids, oxidizing materials, or	
	Waste wool, wet	Flammable solid	UN1987	Flammable solid	None	173.213	Forbidden	Forb id den	1,2	1,2	organic peroxides. Separate from Itammable gases or liquids, oxidizing materials, or organic peroxides.	
	Water treatment compounds, liquid.	Corrosive material.	NA1760	. Corrosive	173.244	173.249	1 quart	1				
	Wex, liquid		NA1993	None	173.118a	None	No limit	No limit	1,2	1,2		
A	Wool waste, wet. See Waste woel, wet. Yeast, active, in liquid or pressed form.	ORM-C		Norie	None	173.1085	No limit	No limit				

	PPERS—GENERAL S FOR SHIPMENTS IGS	173.186 173.199 173.200 173.201	173.931 173.965 173.970 173.975
2. In Part 173, are removed:	the following sections	173.209 478.210 173.231	173.980 1 73 :9 90 173.1000
173.129 173.155 173.167 173.185	173.169 173.170 173.172 173.930	173.213 173.233 173.298 173.925	173.1005 173.1030 173.1035 173.1085

3. In § 173.131, the heading and paragraph (a) are revised to read as follows:

§ 173.181 Tar, liquid.

(a) Tar, liquid, must be packed in specification containers as follows:

* * * * *

§ 173.162 [Amended]

- 4. In § 173.162, paragraph (a)(1) is removed and reserved.
- 5. In § 173.245, paragraph (a)(15) is revised to read as follows:

§ 173.245 Corrosive liquids not specifically provided for.

(a) * * *

- (15) Specification 17H (§ 178.118 of this subchapter). Metal drums (single-trip). Authorized only for liquid boiler compounds, liquid water treatment compounds, and viscous cleaning compounds, liquid.
- 7. In § 173.248, the heading and introductory text of paragraph (a) are revised to read as follows:

§ 173.248 Spent sulfuric acid, or spent mixed acid.

(a) Spent sulfuric acid, or spent mixed acid, resulting from the use of sulfuric

acid in various processes, not containing hydrofluoric acid, must be packaged as follows:

6. In § 173.249, paragraph (a)(4) is removed and reserved, and the heading and introductory text of paragraph (a) is revised to read as follows:

- § 173.249 Alkaline corrosive liquids, n.o.s.; alkaline fiquids, n.o.s.; alkaline corrosive battery fluid; potassium fluoride solution; potassium hydrogen fluoride solution; sodium aluminate, liquid; sodium hydroxide solution.
- (a) Alkaline corrosive liquids, n.o.s.; alkaline liquids, n.o.s.; alkaline corrosive battery fluid; potassium fluoride solution; potassium hydrogen fluoride solution; sodium aluminate, liquid; sodium hydroxide solution and potassium hydroxide solution, when offered for transportation by carriers by

rail freight, highway, or water must be packed in specification containers of a design and constructed of materials that will not react dangerously with or be decomposed by the chemical packed therein as follows:

(49 U.S.C. 1803, 1804, 1806; (49 CFR 1.53, Appendix A to Part 1))

Issued in Washington, D.C. on November 7, 1983.

L. D. Santman,

Director, Materials Transportation Bureau. [FR Doc. 85-30007 Filed 11-16-63; 8:48 em] SHLLING CODE 4810-80-91;

J.S. Department of Transportation

Research and Special Programs Administration

100 Seventh St., S.W. Vashington, D.C. 20590

Official Business Penalty for Private Use \$300 PRESORTED FIRST-CLASS MAIL POSTAGE & FEES PAID RESEARCH AND SPECIAL PROGRAMS ADMINISTRATION PERMIT NO G-126